thereof and the action taken by the Central Government to remedy the situation?

THE MINISTER OF PLANNING AND THE MINISTER OF PROGRAMME IMPLEMENTATION (SHRI MADHAVSINH SOLANKI): (a) and (b) Information is being collected and will be laid on the Table of the House.

Crash of AN-12 Aircraft

2028. DR. YELAMANCHILI SIVAJI: Will the Minister of DEFENCE be pleased to state:

(a) whether Government have received the Enquiry Report about the AN-12 defence Aircraft which exploded in the air at Charbatia in Cuttak on the 8th March, 1988; and

(b) if so, what are the details thereof?

THE MINISTER OF STATE IN THE DEPARTMENT OF DEFENCE PRODUCTION AND SUPPLIES IN THE MINISTRY OF DEFENCE (SHRI CHINTAMANI PANIGRAHI): (a) The Court of Inquiry Report has been received.

(b) It would not be in the public interest to disclose the details.

Supply of raw materials to ceramic Industry

2029. SHRI PARVATHANENI UPENDRA: Will the PRIME MINISTER be pleased to state:

(a) whether erratic and inadequate supply of zircon sand and zerflor by the India Rare Earths Ltd. has crippled the economy of the country's ceramic industry; and

(b) if so, the action taken by Government to ensure regular supply of the raw materials to the industry?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) and (b) Zircon/Zirflor produced by Indian Rare Earths Limited's Plants is adequate to meet the demand of the ceramic industries in the country. Supply from the Chavara Unit of Indian Rare Earths Ltd., has been affected due to strike by certain loading and unloading workers. Efforts are being made to resolve the labour situation with the help of the State Government and to resume supply of Zircon/Zinflor to industries as early as possible.

राजस्थान सरकार द्वारा प्रस्तुत योजना परिव्यय

2030. **श्री सन्तोष बागड़ोदिया** : क्या योजना मंत्री यह बताने की कृपा करेंगे कि :

(क) राजस्थान सरकार द्वारा वर्ष 1988-89 के लिए कितना वार्षिक योजना परिव्यय प्रस्तुत किया गया तथा योजना आयोग द्वारा कितना परिव्यय मंजूर किया गया है ;

(ख) क्या योजना आयोग द्वारा परिव्यय में कटौती की गई है ; और

(ग) यदि हां, तो इसके क्या कारण है ?

योजना मंत्री तथा कार्यक्रम कार्यान्वियन मंत्री (श्री माधव सिंह सोलंकी) : (क) से (ग) राजस्थान सरकार द्वारा अपनी वार्षिक योजना 1988-89 के लिए 799 करोड़ रुपये का परिव्यय प्रस्तावित किया गया था। इसकी तुलना में योजना आयोग द्वारा संसाधनों की उपलब्धता को मद्देनजर रखते हुए राज्य सरकार से विचार-विमर्श के बाद 710 करोड़ रुपये का परिव्यय अनुमोदित किया गया था।

Unreliability of heavy water reactor

2031. SHRI SURESH PACHOURI: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that the experts have pointed out that indigenous efforts have resulted in great deal of unreliability of pressurised heavy water reactor and

taken their toll by way of occurrences and outages;

(b) if so, whether the Committee have reviewed important unusual occurrences and outages of the Rajasthan Atomic Power Station and made these observations;

(c) what were the other recommendations made by the Committee; and

(d) how many of these recommendations have been accepted and implemented?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN, DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) An expert Committee constituted by the Atomic Energy Regulatory Board (AERB) reviewed the unusal occurrences and outages at Rajasthan Atomic Power Station. The Committee has remarked in their report that the use of locally procured components and equipment had to some extent caused outages and lead to unreliability but has also remarked that the experience generated has its own inestimable value.

(b) Yes, Sir.

(c) The recommendations of the Committee relate to (a) design improvements (b) improvements in layout and accessibility of equipment for maintenance (c) proper choice of materials and equipment of proven quality (d) adequate stocking of spares (e) authorised procedures for operation and maintenance activities (f) endurance/cyclic tests for indigenous components.

(d) The Committee's recommendations are under implementation.

Production capacity of heavy wter plants

2032. SHRI KRISHNA KUMAR BIRLA: Will the PRIME MINISTER be pleased to state:

(a) what is the total investment on each of the indigenous heavy water plants in the country as against the estimated cost;

(b) what is the actual production of heavy water by each of these plants as against their rated capacity stating the cost per kg. of heavy water as against the anticipated cost and total shortfall in heavy water as compared to the demand;

(c) what is the total expenditure incurred by the Government on the import of heavy water during 1986, 1987 and 1988 (till date) stating the names of the countries from where it was imported; and

(d) the steps taken by Government to reduce dependency on foreign sources and to attain self-sufficiency in heavy water?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY ELECTRONICS AND SPACE (SHRI K .R. NARAYANAN): (a) The total investment on Heavy Water Plants currently in production is approximately Rs. 381 crores. The originally estimated cost of these plants was approximately Rs. 265 crores.

(b) Heavy water being a strategic material, it is not in the national interest to reveal the actual production figures or the cost of production.

The present production levels of Heavy Water are adequate to meet the demands.

(c) Total expenditure incurred by the Government on import of Heavy Water